Weizhong Yan METHOD FOR SWITCHING ROUTE AND NETWORK DEVICE THEREOF Docket No. DEQ10337P00100US

identifier value of data packet	destination port number
0	3
1	0
2	1
3	3
4	1
5	3
•••	•••

Figure 1

finat.		4-1-1-
HIST	routing	table

second routing table

mstrouti	ng taore		ding abic
	port numberof the destination port	port number of the destination port	port number of the transmitting port
0	3	0	0
1	0	1	1
2	1	2	2
3	3	3	3
4	1	4	4
5	3	5	5
•••	•••	•••	•••

Figure 2

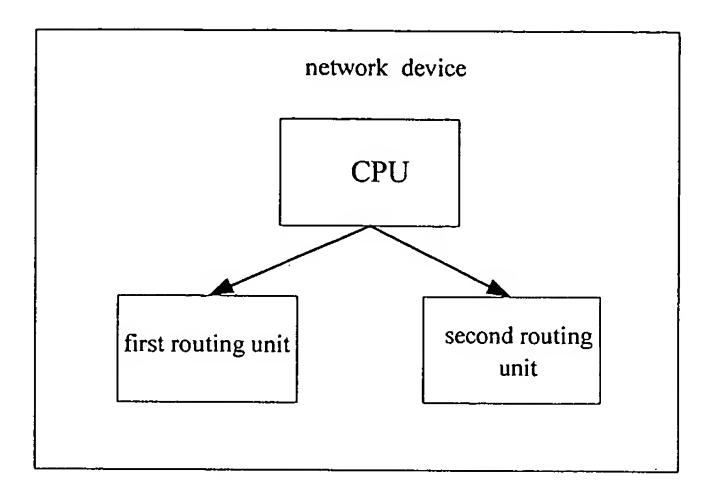


Figure 3

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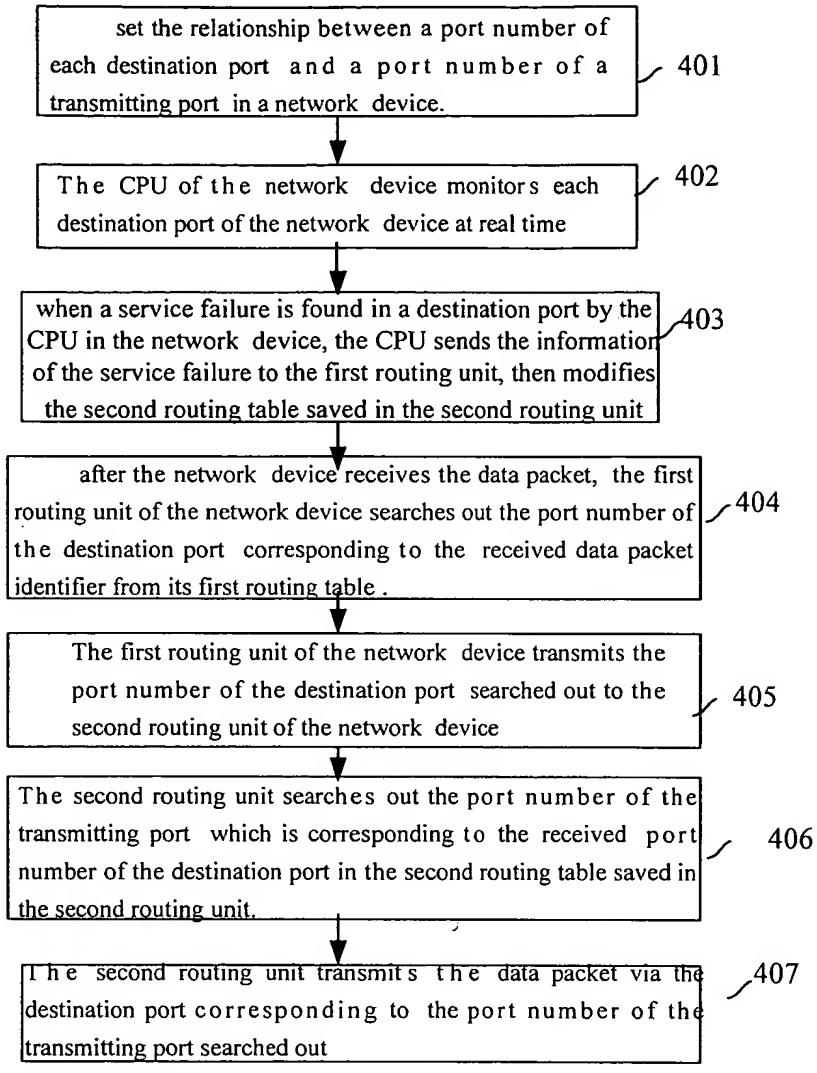


Figure 4

Weizhong Yan METHOD FOR SWITCHING ROUTE AND NETWORK DEVICE THEREOF Docket No. DEQ10337P00100US

first routing table

second routing table

port numberof the		
destination port		
3		
0		
1		
3		
1		
1		
2		
3		
•••		

Scoolia routing word		
port numberof the	port number of the	
destination port	transmitting port	
0	0	
1	3	
2	2	
3	3	
4	4	
5	5	
•••	***	

Figure 5